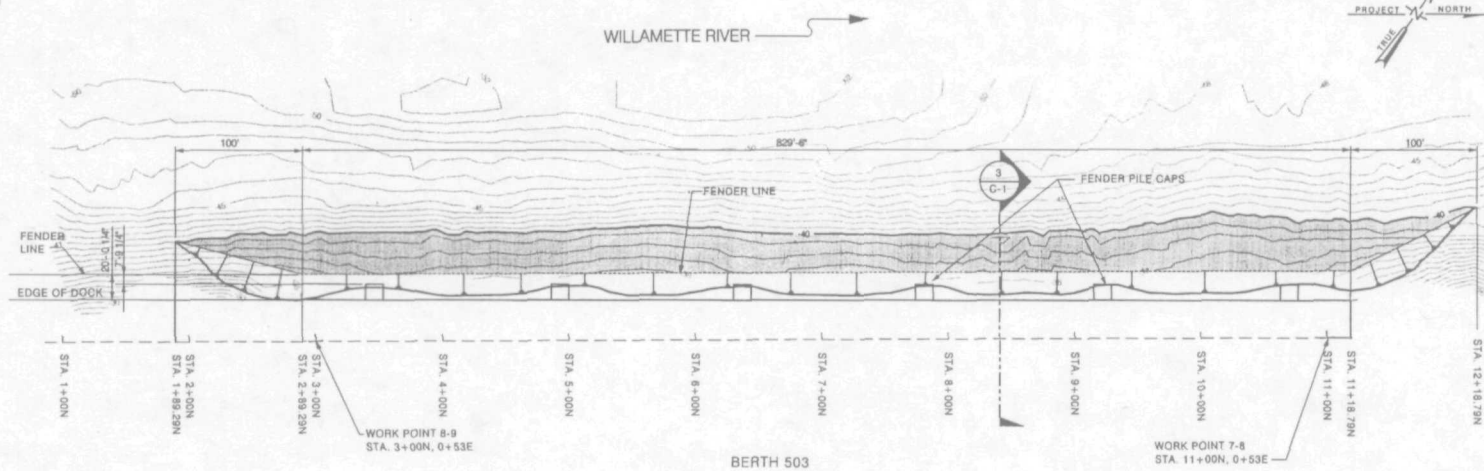


11-3-31.5-1



DREDGING PLAN
SCALE: 1" = 50'

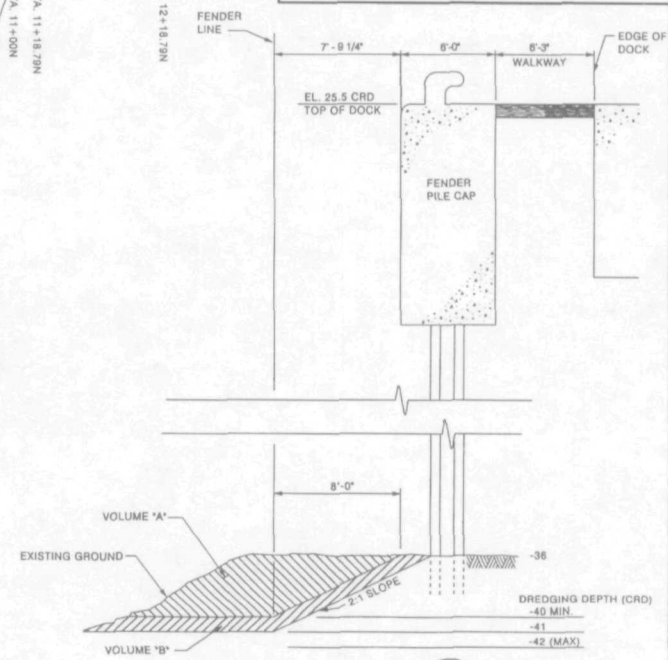


LEGEND
 DREDGED LEVEL BOTTOM AT ELEV. -40 CRD
 2:1 SLOPE

VERTICAL DATUM:
 ELEVATIONS SHOWN ARE BASED ON COLUMBIA RIVER DATUM.

NOTES:
 VOLUMES ARE FOR A PRE-DREDGE ESTIMATE THE HYDROGRAPHIC DATA WAS COLLECTED ON FEB. 21, 1996 FOR A CONDITION SURVEY.
 ELEVATION -36 WAS CREATED AT THE FENDER LINE AND PROJECTED INLAND FOR A PORTION OF THE VOLUME CALCULATION. AS THERE WAS NO FIELD DATA FOR THE CALCULATION OF THE 2:1 SLOPE.
 ACCEPTABLE MINIMUM DEPTH IS -40 CRD. PAYMENT WILL BE MADE FOR DREDGING TO -41 CRD. ACCEPTABLE MAXIMUM DEPTH OF DREDGING - 42 CRD.
 VOLUME "A" = 2857 CUBIC YARDS
 VOLUME "B" = 1181 CUBIC YARDS
 VOLUME "A" + VOLUME "B" = 4038 CUBIC YARDS

USEPA SF
 1286399



TYPICAL SECTION
SCALE: 1/4" = 1'-0"

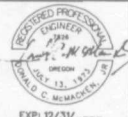
AS CONSTRUCTED

NO.	DATE	BY	REVISIONS	OK'D	APP'VD	NO.	DATE	BY	REVISIONS	OK'D	APP'VD



PORT OF PORTLAND
PORTLAND, OREGON

[Signature]
PROJECT MANAGER



DESIGNED BY: D. MALMGREN
 DRAWN BY: N. FAND
 CHECKED BY: M. EATON
 DATE: JUL 1995
 SCALE: AS SHOWN

TERMINAL NO. 5

BERTH 503

MAINTENANCE DREDGING

SUBMITTED BY: *[Signature]*
 (DRAWING NO.)

T5 96-11 1/1 (C-1)

SEE T5 96-505 FOR POST DREDGE INFO.